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Figure 1

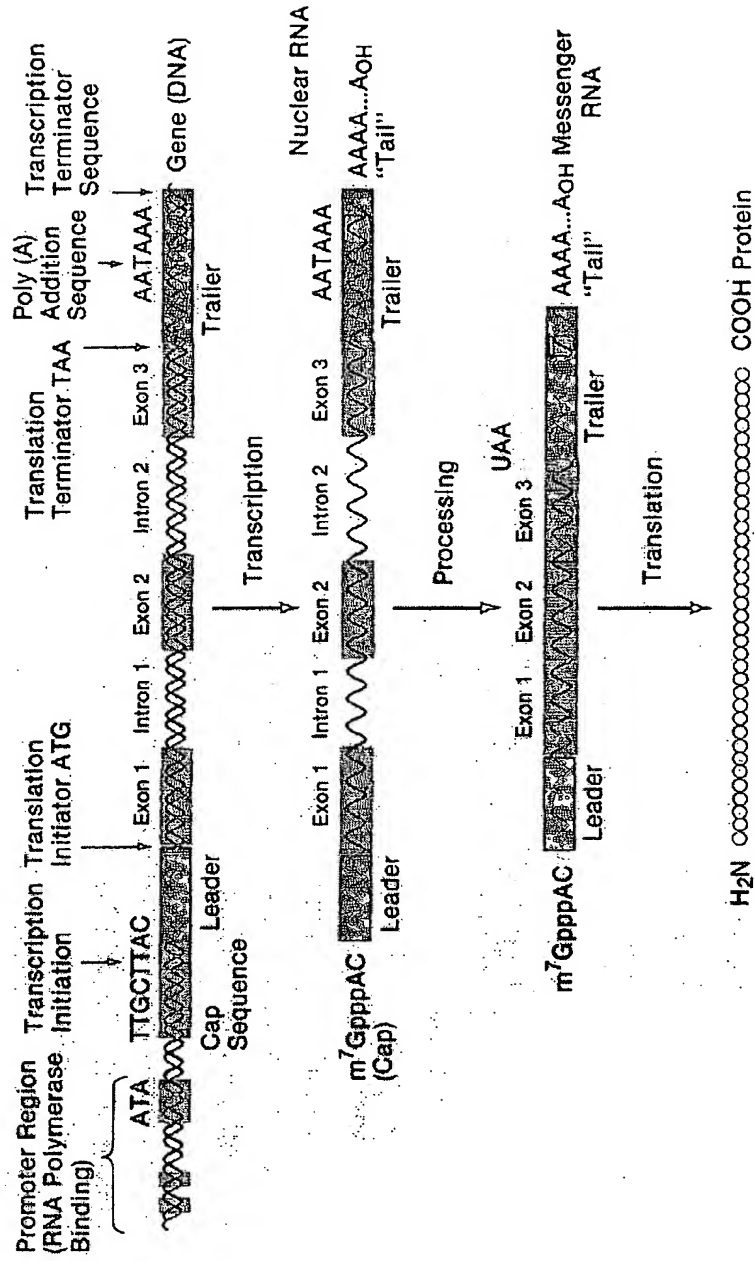
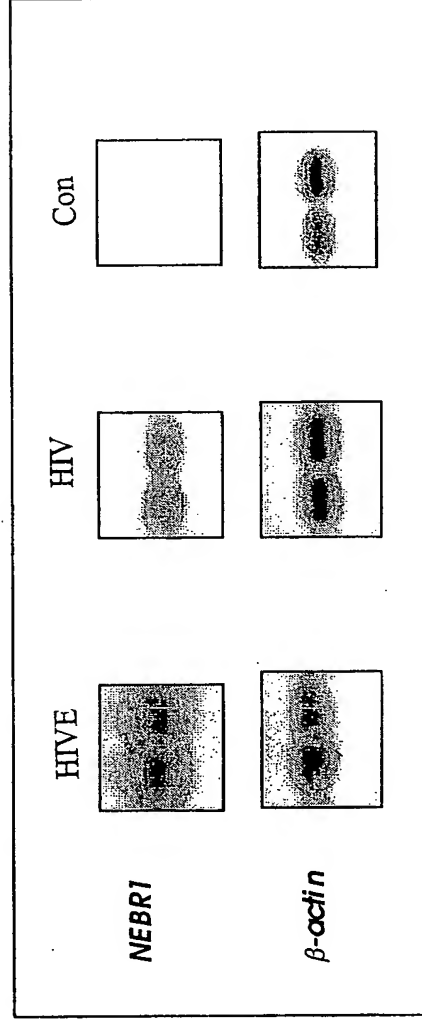


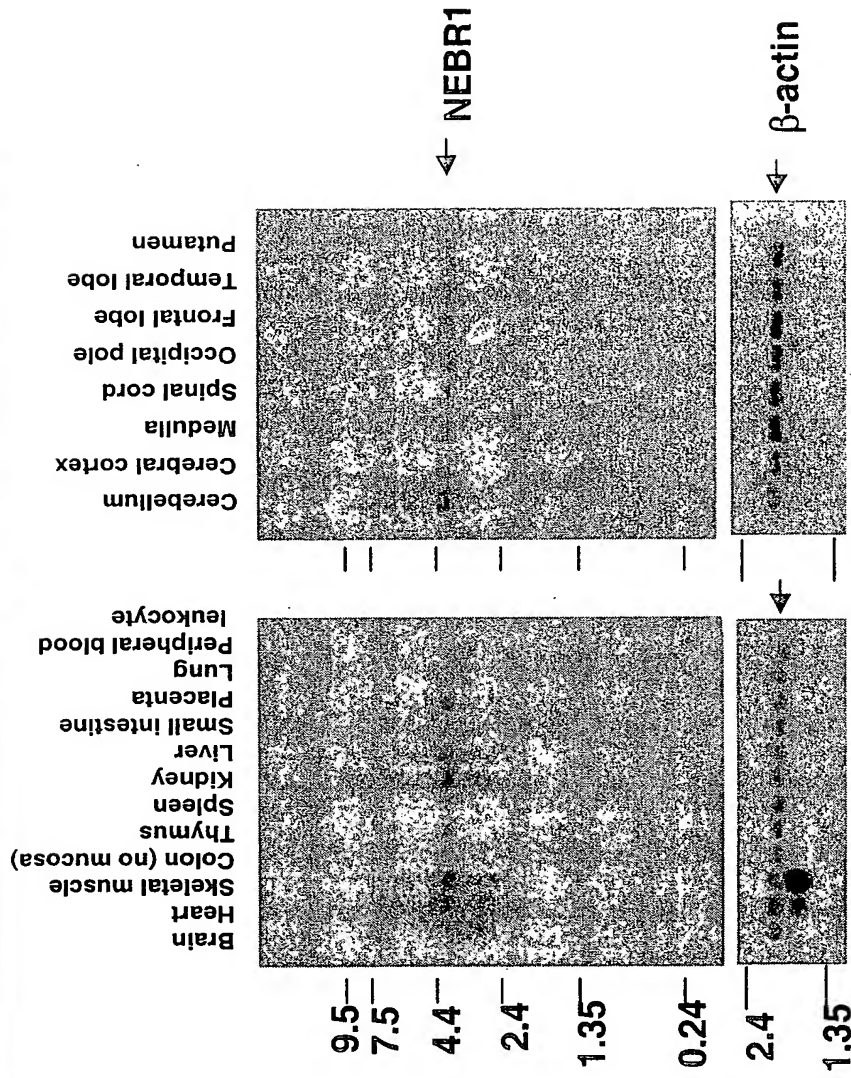
Figure 2

RT-PCR of NEBR1

Human Frontal Cortex



Tissue distribution of NEBR1 by Northern Blotting



Whole Tissue

Brain

Figure 3A

Figure 3B

Figure 3C

Tissue Distribution of NEBR1 mRNA

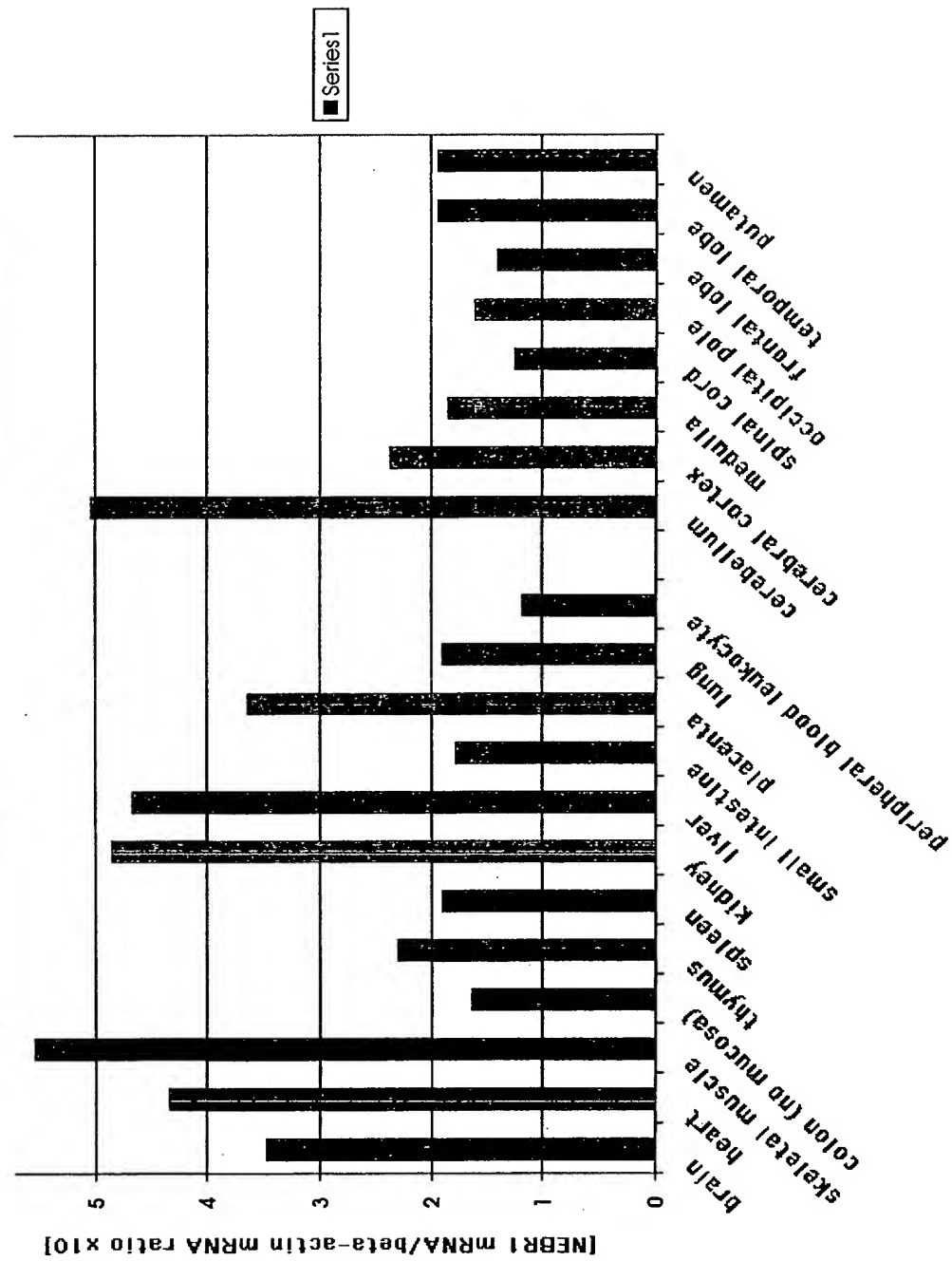


Figure 4A

Trans-Reporting Systems

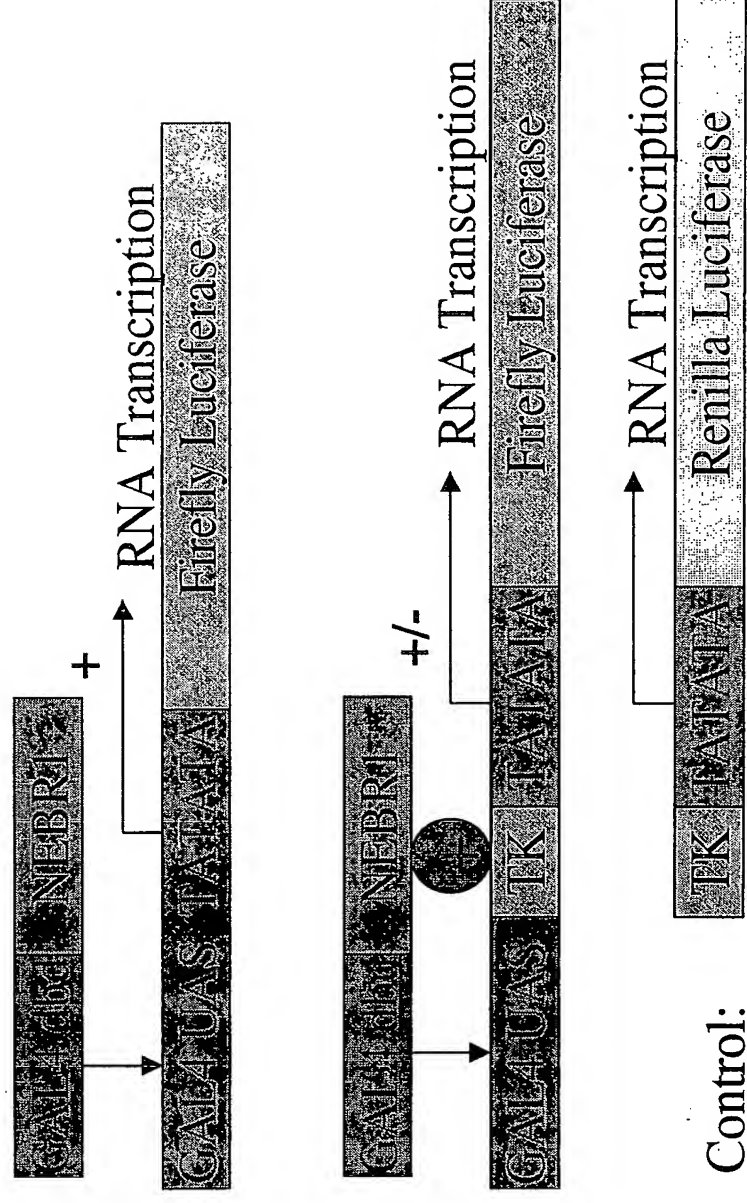


Fig. 4B

Suppression of Thymidine kinase promoter activity by NEBR1

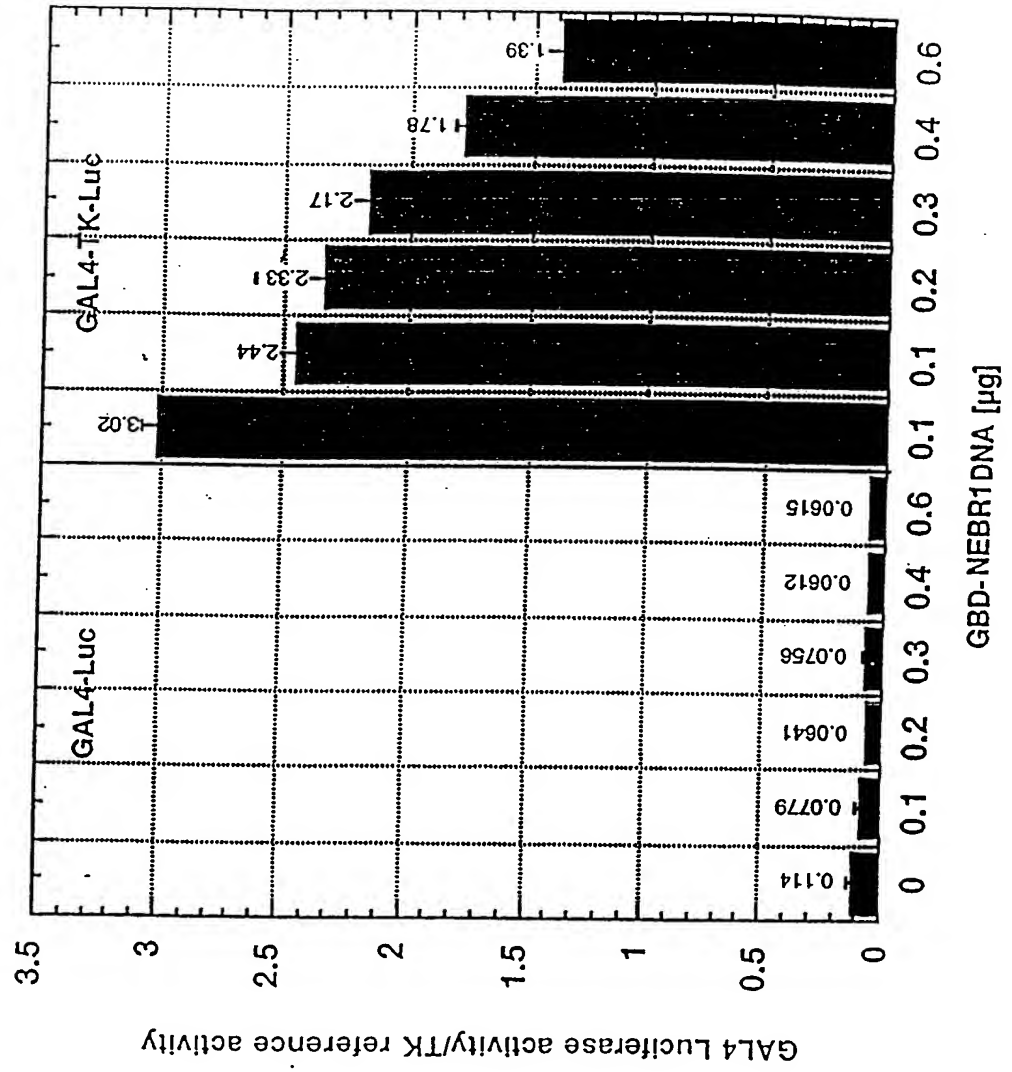


Figure 4C

Deletion Mutant Analyses of NEBR1

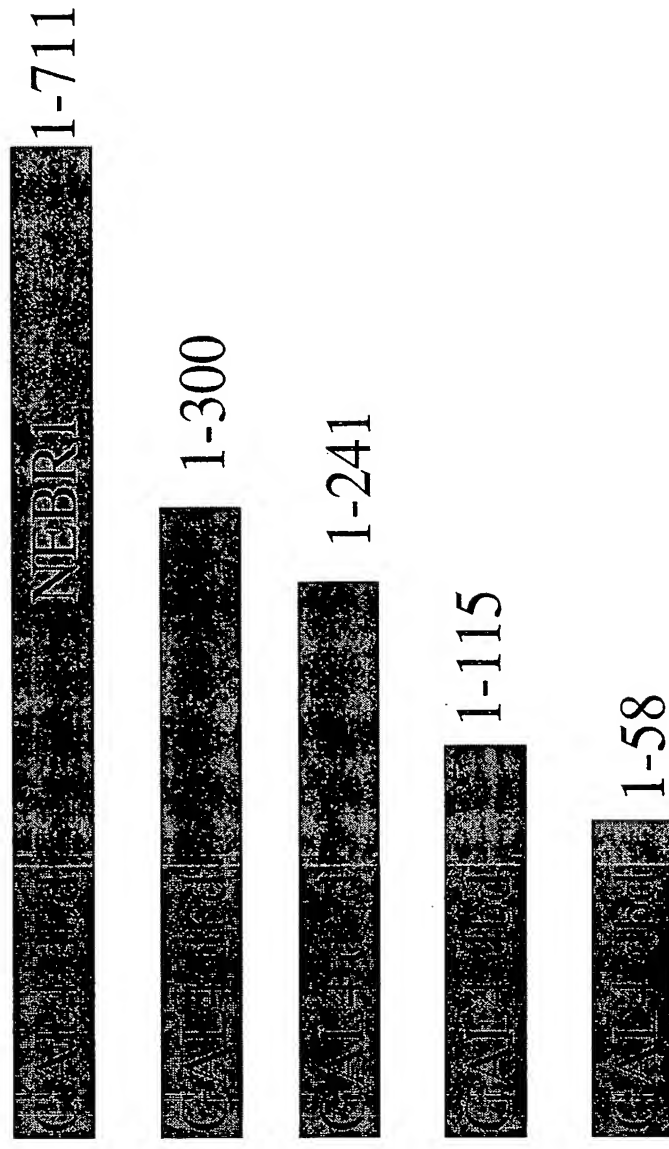
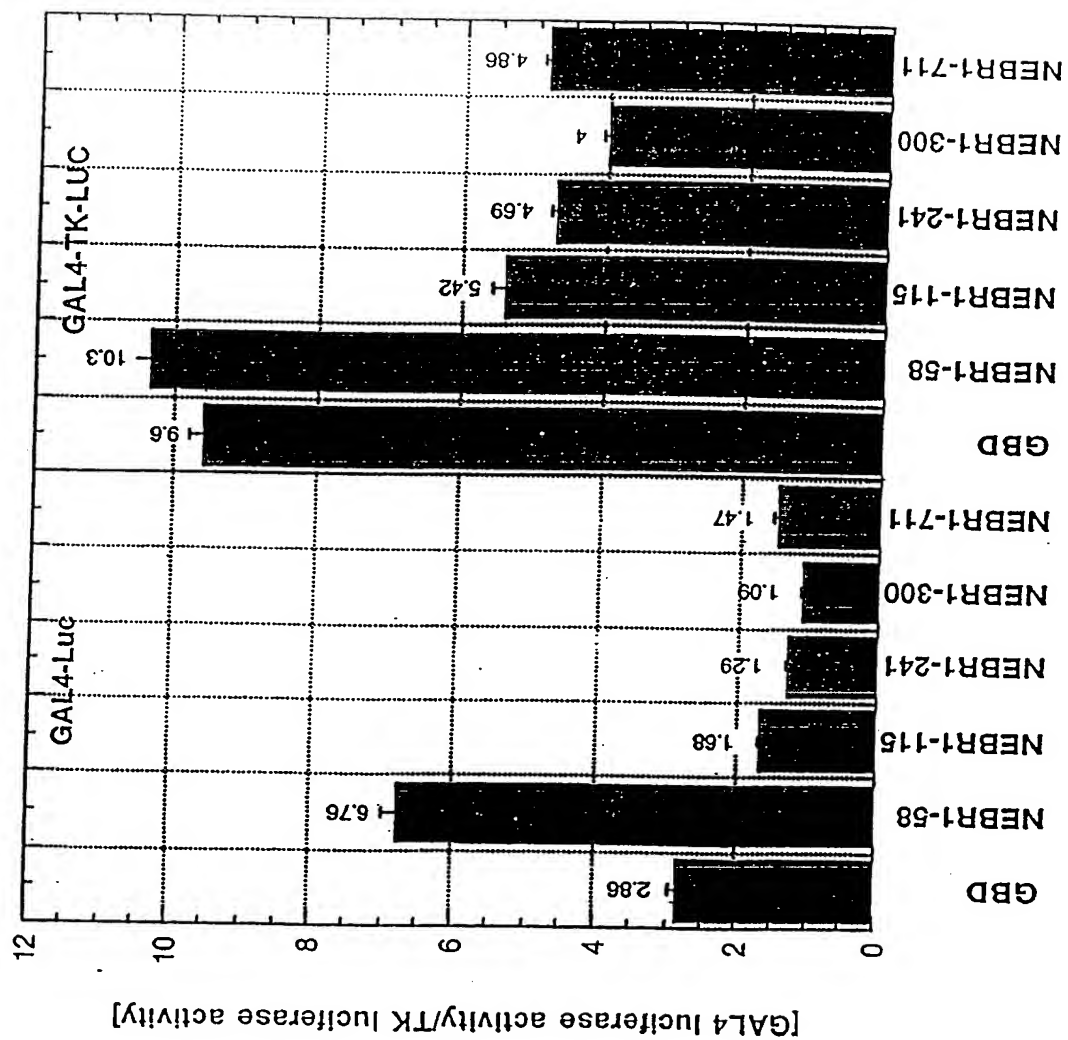


Fig. 4D
Mutational analysis of NEBR1



Multiple Sequence Alignment

51	KRAB-A	KRAB-B	KRAB-B1	100
HSZNF41	LYWDVTLENY SHLLSV	IPKSEAAFKL EQGEGPWWIE	GEAPHQSCSG	
NEBR1	LYRDVMLELY SHLFAV	IPNPEVIFRM LKEKEPRVEE	AEVSHQRCQE	
KID1A	LYREVMLENY SNLASM	FTKPKVISLL QQGEDPWQVE	KE..GPRYF.	
ZNF157	MHKDVMLETY SNLASV	GLC VAKPEMIFKL ERGEELWILE	EESSGHGYSG	
GIOT-3	TYRDVMLENY SNLVSV	GYH IIKPDVISKL EQGEEPWIVE	GEFLLQSYPD	
RBAK	TYRDVMLENY SHLVSV	GYD TTKPNVVIKL EQGEEPWIMG	GEFPCQHSP.	
KS1	LYRDVMLENY CHFISV	GFH ITKPDMIKRL EQGEELW.TE	RMFPSQSYLE	

Figure 5B

KRAB mutant analysis of OTK-18

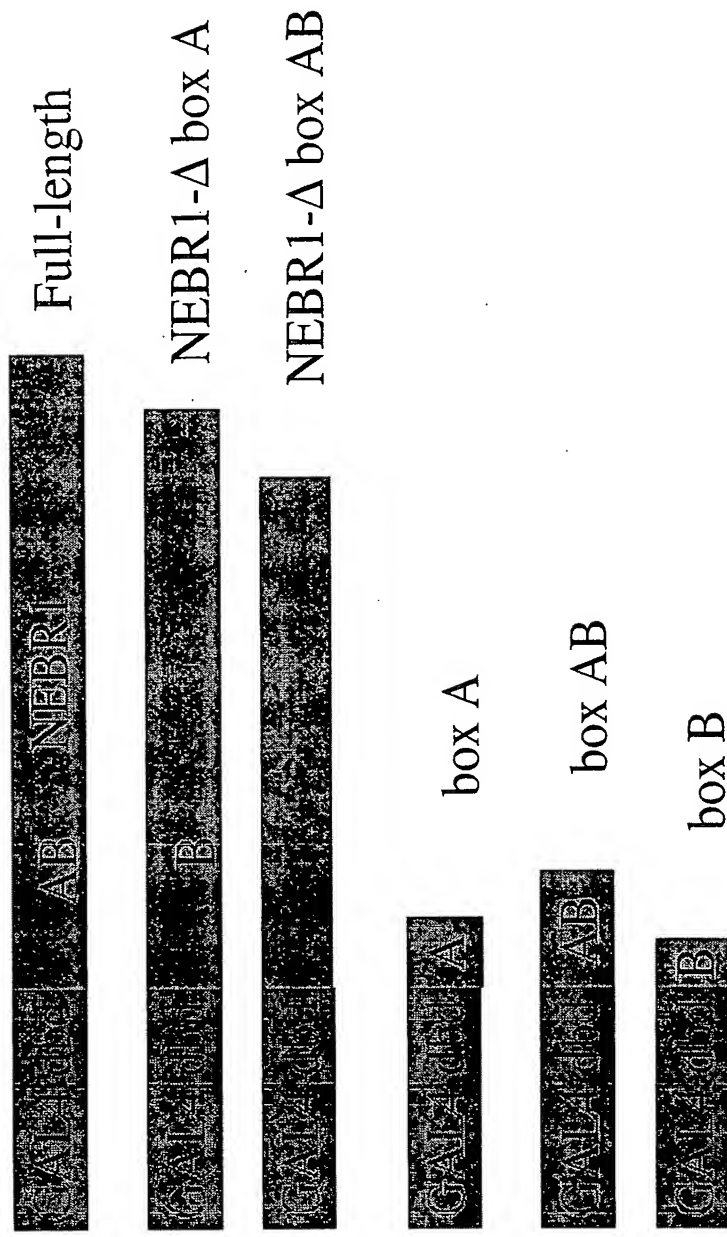


Fig. 5C

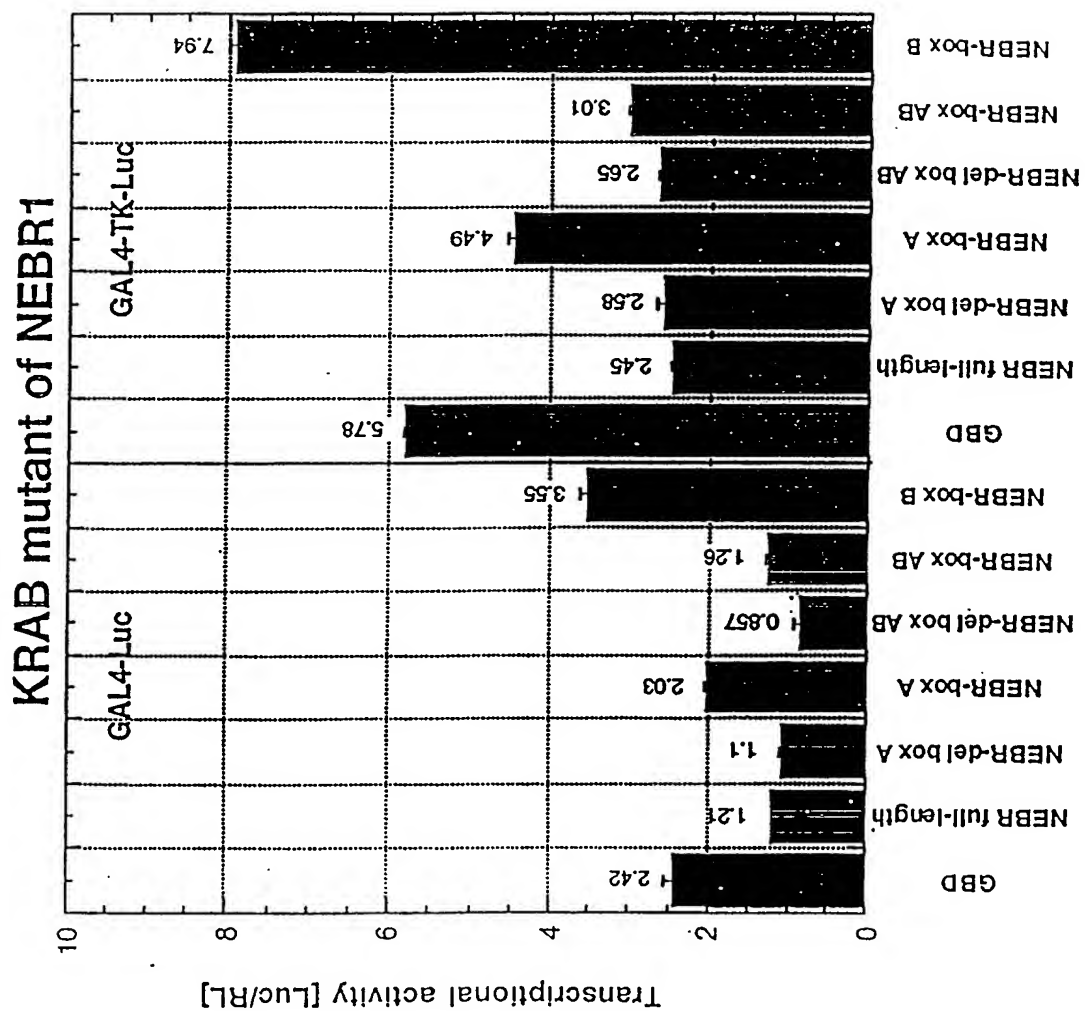


Figure 5D

NEBR1:

- Krüppel-associated box (KRAB)
containing transcription suppressor

1 711



KRAB

1 2 3 4 5 6 7 8 9 10 11 12 13

Zinc finger, C₂H₂ type

Figure 6A

HIV-Tat/LTR Reporting System

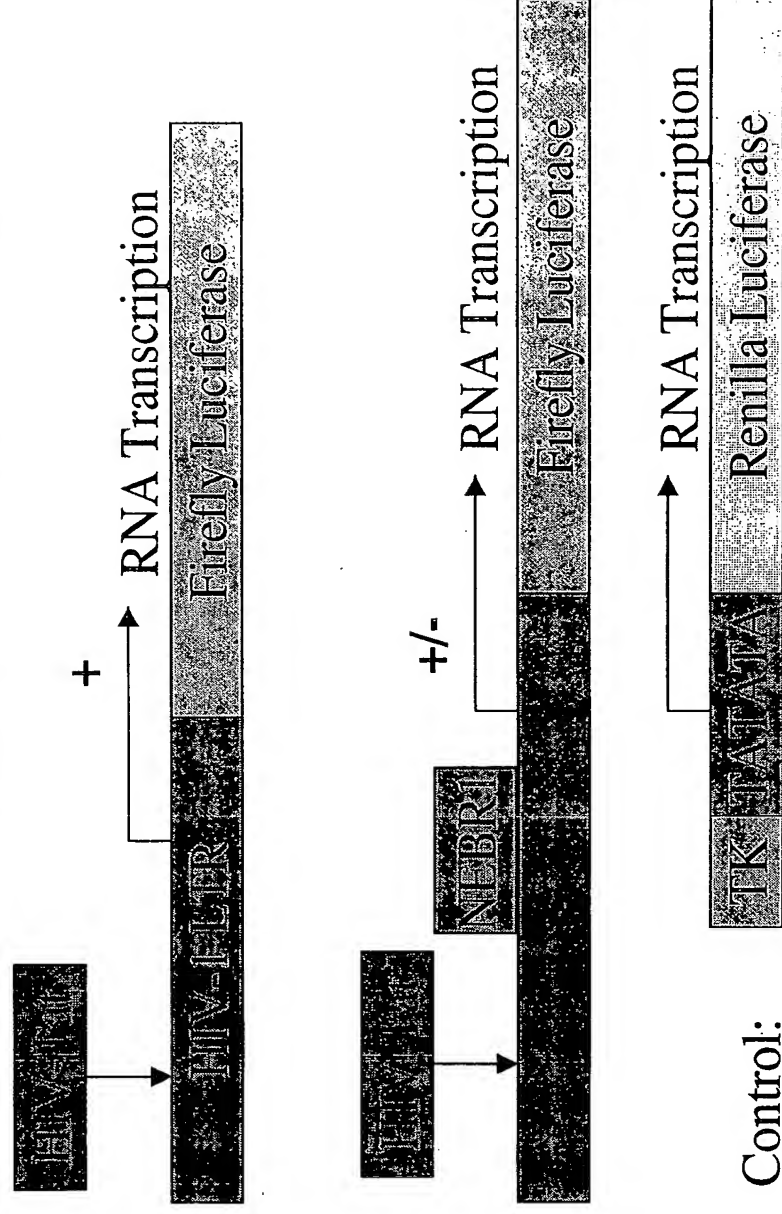


Figure 6B

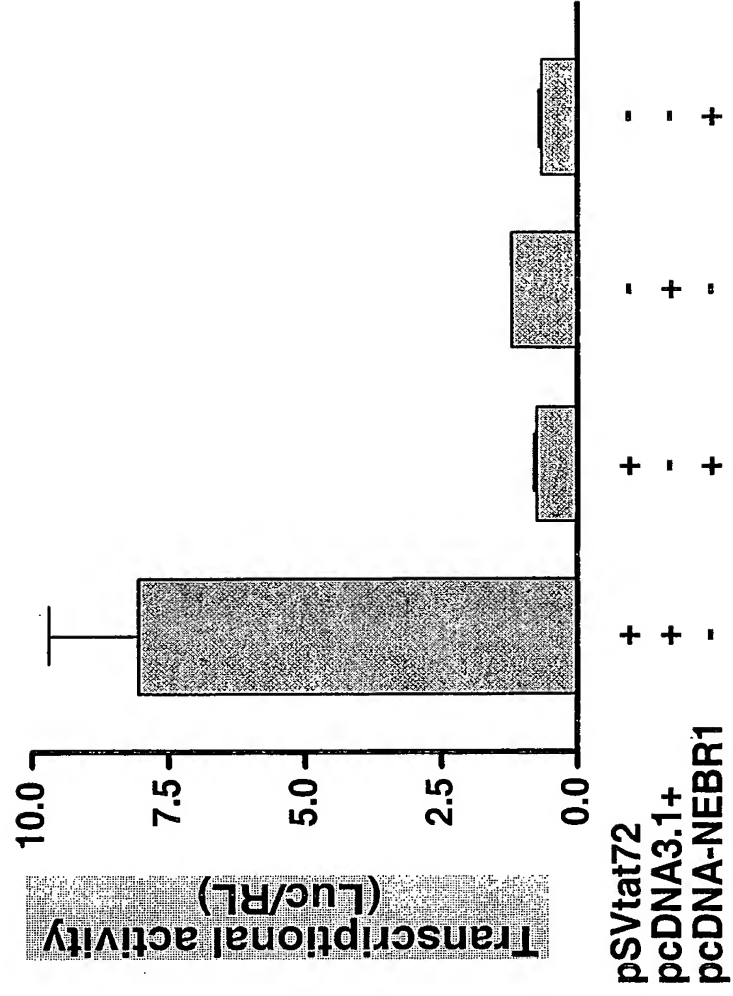


Figure 7

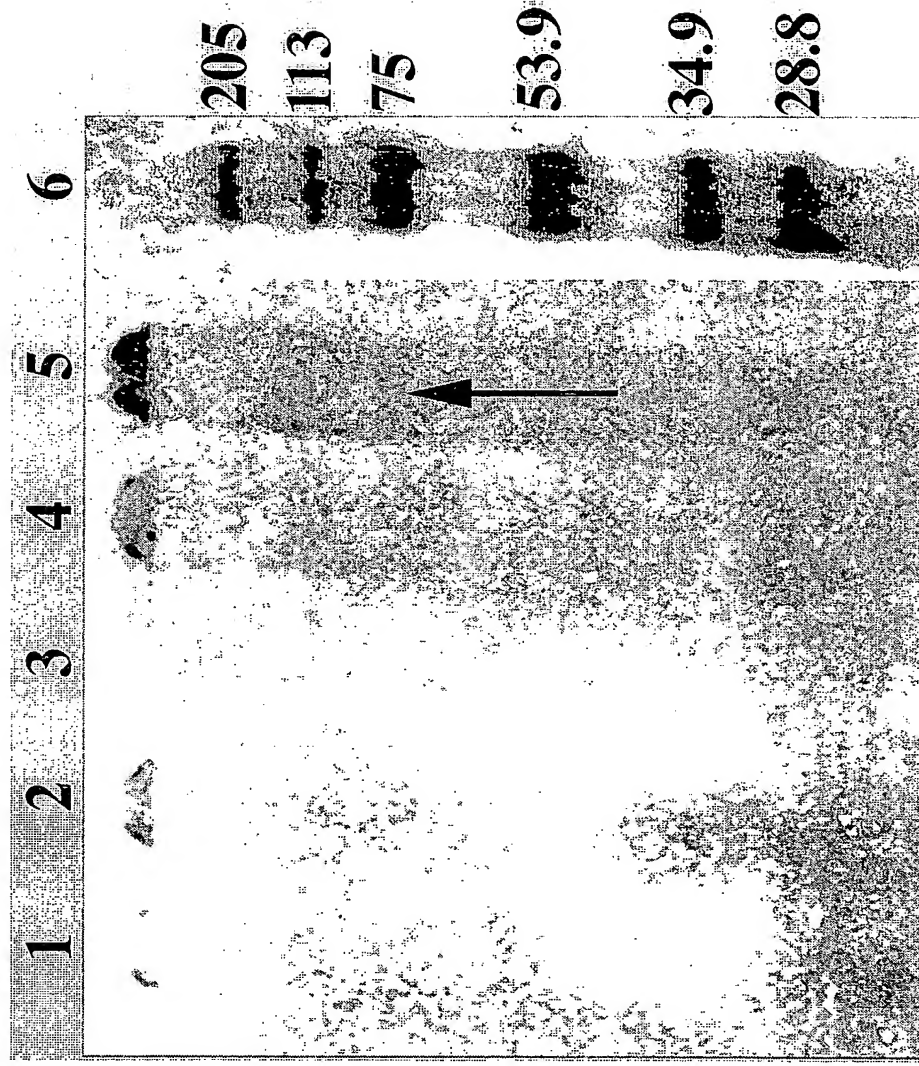


Figure 8

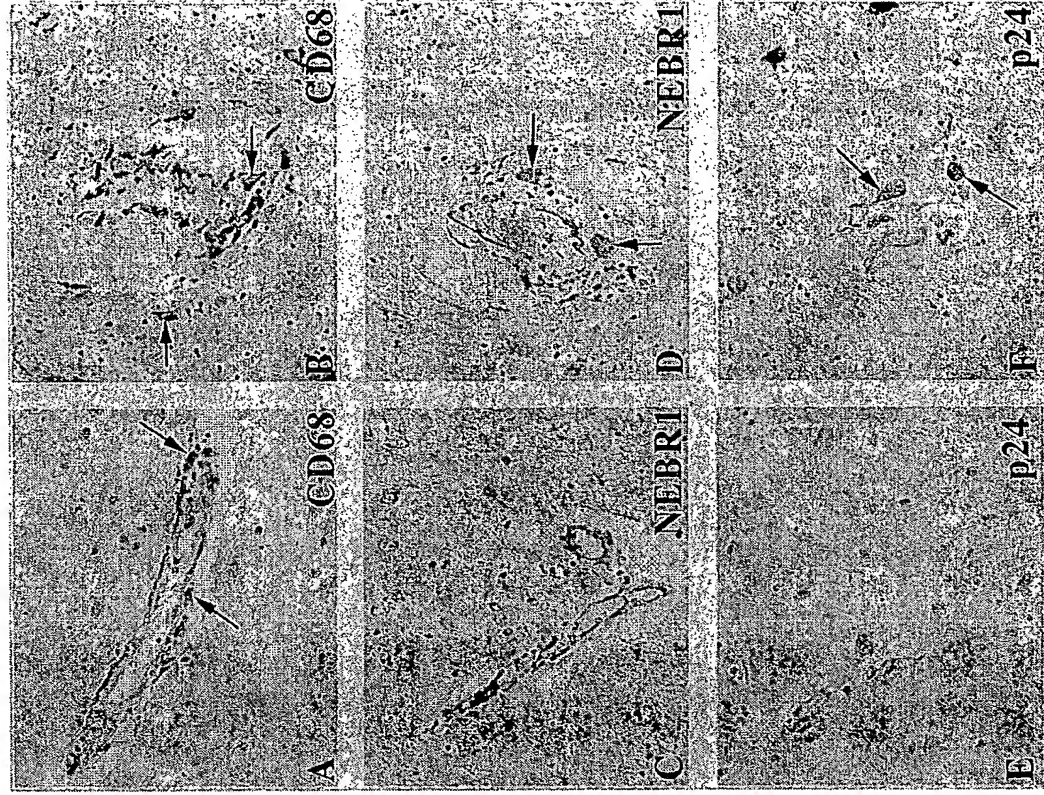


Figure 9
RT Analysis of MDM media infected with HIV-1

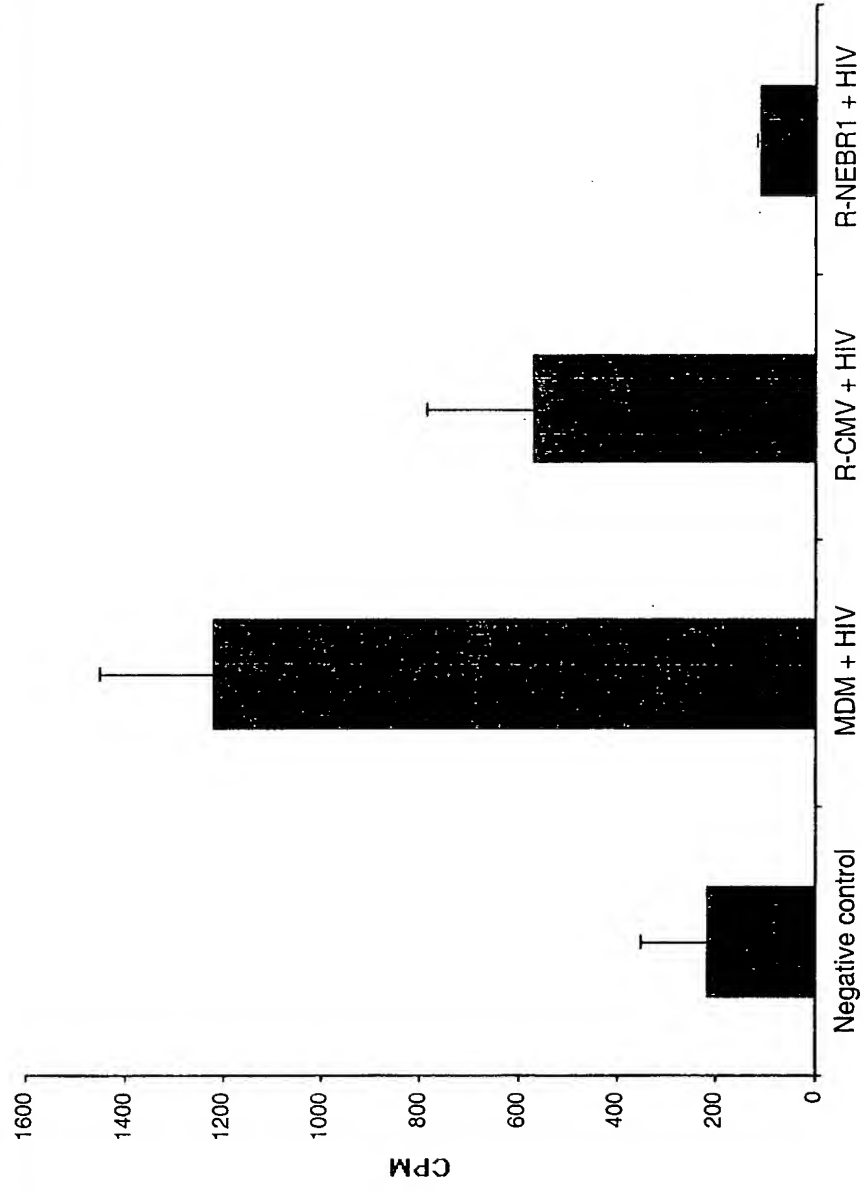


Figure 10
Multi-step inhibition mechanism by NEBR1

